

Department of Physics
Particle Physics Research Centre

Postdoctoral Research Associates in Particle Physics (2 posts)

Salary : £29,768 – £34,100 per annum

Both posts are to work within the Queen Mary Particle Physics Group on the ATLAS experiment at the CERN Large Hadron Collider (LHC). The Group has important instrumentation responsibilities in the Semi-Conductor Tracker (SCT) and in the Level 1 Calorimeter Trigger, and is providing support for physics analyses through Grid computing. We now place particular importance on consolidating our preparations for physics analyses, and taking benefit from our excellent in-house computing facilities, in order to make leading contributions to analyses of first data in 2007/08, and through the subsequent years of data-taking with increased luminosity.

Successful applicants will be expected to make significant personal contributions to the ATLAS physics programme, as well as sharing responsibilities in aspects of the commissioning, data acquisition software, and monitoring of the SCT. They will also be expected to gain a working knowledge across the Group's wider programme of activities in ATLAS.

Applicants should have, or be about to gain, a PhD in particle physics, and are expected to have experience from at least two years active participation in a leading international particle physics experiment.

The posts are initially located at Queen Mary, London, but will require significant periods at CERN to participate in physics analysis working groups, and to carry out detector-related responsibilities. Both full time posts are available from 1st January 2007 or from subsequent dates to be agreed, and are funded by PPARC until 30th September 2010.

Further information can be obtained from Professor Tony Carter by email: a.a.carter@qmul.ac.uk. An application form can be downloaded from our website: <http://www.hr.qmul.ac.uk/vacancies/research/>

Completed applications along with a CV, contact details for three referees, and a brief report on research to date should be returned to: Recruitment Secretary, Department of Physics, Queen Mary, University of London, Mile End Road, London E1 4NS, quoting reference number 06387-8/LH.

Closing date for completed applications: **4 December 2006**

Working towards equal opportunities